NOTES ON PHORESY BETWEEN *RHEOTANYTARSUS* SP. (DIPTERA: CHIRONOMIDAE) AND *TRICORYTHODES* SP. (EPHEMEROPTERA: TRICORYTHIDAE) IN A SOUTH CAROLINA TAILWATER STREAM[1]

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ABSTRACT: A phoretic relationship between larvae of *Rheotanytarsus* and *Tricorythodes* is reported for the first time.

White et al. (1980) reported that phorsey involving chironomid larvae is relatively common in the Piedmont region of South Carolina. They found *Rheotanytarsus* sp. (Diptera: Chironomidae) larvae on the odonates *Boyeria venosa* (Say), *Macromia* sp., and *Calopteryx maculata* (Beauvois), the trichopteran *Nectopsyche exquisita* (Walker), and the ephemeropteran *Stenonema smithae* Traver. *Rheotanytarsus* sp. have also been reported in phoretic associations with *Pteronarcys dorsata* (Say) (Dosdall et al. 1986) and *Corydalus cornutus* (Linaeus) (Furnish et al. 1981 cited in Dosdall et al. 1986). I collected a 5 mm-long larva of *Tricorythodes* sp. with a fourth instar *Rheotanytarsus* sp. larva attached dorsally to its thorax (Figure 1) in September, 1986, while sampling the Saluda River below Saluda Hydroelectric Station (Greenville Co., SC). This is the first report of a phoretic relationship between these organisms.

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Figure 1. *Tricorythodes* larva with *Rheotanytarsus* encased on its thorax.

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